

REPORT OF EXAMINATION

TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON

☐

Surface Water

(Issued in accordance with the provisions of Chapter 117, Laws of Washington for 1917, and amendments thereto, and the rules and regulations of the Department of Ecology.)

☒

Ground Water

(Issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the Department of Ecology.)

PRIORITY DATE July 22, 1993	APPLICATION NUMBER G2-28901	PERMIT NUMBER	CERTIFICATE NUMBER
--------------------------------	--------------------------------	---------------	--------------------

NAME Jack A. Glaubert			
ADDRESS (STREET) 223 Hardwick Road	(CITY) Sequim	(STATE) WA	(ZIP CODE) 98382

PUBLIC WATERS TO BE APPROPRIATED

SOURCE A well

TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE 31	MAXIMUM ACRE-FEET PER YEAR 4.5
-------------------------------	----------------------------------	-----------------------------------

QUANTITY, TYPE OF USE, PERIOD OF USE 4.5 acre-feet per year	Multiple domestic supply	Year-round, as needed
--	--------------------------	-----------------------

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL 695 feet north and 850 feet west of the center of Section 5

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) SE1/4NW1/4	SECTION 5	TOWNSHIP N. 29	RANGE, (E. OR W.) W.M. 2W	W.R.I.A. 17	COUNTY Clallam
---	--------------	-------------------	------------------------------	----------------	-------------------

RECORDED PLATTED PROPERTY

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)
-----	-------	------------------------------------

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

Lots 1, 2, and 3 of the Glaubert Short Plat, recorded in Volume 9 of Short Plats, Page 29, under Auditor's File No. 513049, a portion of the northwest quarter of Section 5, Township 29 North, Range 2 West, W.M.

Lots 1, 2, and 3 of the Harris Short Plat, recorded in Volume 9 of Short Plats, Page 28, under Auditor's File No. 513048, a portion of the northwest quarter of Section 5, Township 29 North, Range 2 West, W.M.

Parcel #1 of Survey (Almaden II) filed October 31, 1979, in Volume 4 of Surveys, Page 92

Parcel #4 of Survey (Almaden II) filed October 31, 1979, in Volume 4 of Surveys, Page 92

Hagen - Parcel number 02-29-05-240110 - portion of the southwest quarter of Section 5, Township 29 North, Range 2 West, W.M.

DESCRIPTION OF PROPOSED WORKS

A 6" x 221' well with a 3 horsepower pump and a 2-inch distribution mainline

DEVELOPMENT SCHEDULE

BEGIN PROJECT BY THIS DATE:

Started

COMPLETE PROJECT BY THIS DATE:

April 1, 1998

WATER PUT TO FULL USE BY THIS DATE:

April 1, 1999

REPORT

I recommend issuance of a permit under Application #G2-28901 based on the following report:

BACKGROUND:

Pursuant to Chapter 90.03 and 90.44 Revised Code of Washington (RCW), Jack A. Glaubert applied for a permit to appropriate public ground water from a well. A withdrawal rate of 31 gallons per minute (gpm) was requested for multiple domestic supply. The application was assigned a priority date of July 22, 1993.

Legal notice of the proposed appropriation was published on September 29 and October 6, 1993, in *The Sequim Gazette* of Clallam County. No protests were received as a result of this notice.

INVESTIGATIONS:

I reviewed Department of Ecology records of ground-water use and area well logs. Jack Glaubert was contacted for additional information.

Location and Site Description

The project site is located off of Bonnie Grace Road, approximately six miles southeast of the City of Sequim, in Clallam County. The surrounding area is dominated by agricultural and residential use.

Proposed Water System Description

The well was completed by Louie's Well Drilling, Inc., on May 18, 1993. The water system currently serves four residences and will eventually serve nine connections.

Well head elevation:	320 feet above mean sea level
Well depth:	221 feet
Casing diameter:	6 inches
Static water level:	176 feet
Screen depth:	216 to 221 feet
Pump size:	3 horsepower
Mainline diameter:	2 inches

Aquifer Information

The well is completed in a water-bearing formation consisting of brown sand and gravel from 190 to 221 feet. There appears to be no confining layer above the aquifer at this site.

The well was pump tested for four hours at a constant rate of 30 gpm and experienced a maximum drawdown of two feet. Recovery to the pre-test static level was complete within minutes.

Effect on Existing Rights

The following records of ground-water use are on file with the Department of Ecology:

- The nearest well with a water right is located approximately one mile north of the Glaubert well.
- Three claims are recorded in Section 5.
- 25 well logs are recorded within a half mile of the subject well. These wells range in depth from 34 to 365 feet.

Report Continued

Well density in this area is relatively low. Most neighboring wells are completed in water-bearing strata similar to that of the Glaubert well. Well yields appear to be typically low in this area.

Due to the area's low well density and the small annual quantity required for this project, there should be no significant adverse impacts to neighboring wells as a result of the proposed appropriation.

Regional Considerations

This well is located within the Dungeness-Quilcene Water Resources Management Regional Planning Area. Under the Regional Plan, a comprehensive water resources study is being conducted to provide the basis for future water use decisions. Pending applications which pre-date the Plan are being evaluated based on currently available information.

The Regional Plan recommends the maintenance of existing flows on small streams in eastern Clallam County. The nearest major surface water source is an unnamed stream, tributary to Sequim Bay, located approximately 2,000 feet away. However, because of the depth to water (water level elevation of approximately 140 feet above mean sea level) in this well and the distance of over a mile to the stream's potentially affected reach, there should be no adverse effects to the stream.

The development of public water systems, rather than the proliferation of individual wells, is also recommended in the Regional Plan. Approval of this request will discourage individual wells from being drilled in this vicinity.

Water Requirements

The water requirement for domestic supply should not exceed an average of 450 gallons per day per unit. This amounts to a total of 4.5 acre-feet per year for nine homes.

CONCLUSION:

In accordance with Chapters 90.03 and 90.44 RCW, I find there is water available for appropriation from the source in question, that the appropriation as recommended is a beneficial use, and should not impair existing rights or be detrimental to public welfare. Furthermore, approval of the proposed appropriation appears to be consistent with the conclusions and recommendations of the Dungeness-Quilcene Regional Plan.

RECOMMENDATIONS:

I recommend approval of this application and issuance of a permit to allow appropriation of 31 gpm, 4.5 acre-feet per year, from this well for multiple domestic supply. The period of use shall be year-round, as needed.

The permit shall be subject to all applicable State laws and regulations and to the following provisions:

Provisions

The water appropriated under this application will be used for public water supply. The State Board of Health rules require public water supply owners to obtain written approval from the Office of Water Supply, Department of Health, Mail Stop 7822, Building 3, Olympia, Washington 98504-7822, prior to any new construction or alterations of a public water supply system.

Installation and maintenance of an access port as described in WAC 173-160-355 is required. An air line and gauge may be installed in addition to the access port.

An approved metering device shall be installed and maintained in accordance with RCW 90.03.360, WAC 508-64-020 through -040 (installation, operation, and maintenance requirements are attached). Meter readings shall be recorded at least monthly.

This permit may be subject to implementation of the minimum requirements established in the Conservation Planning Requirements, Guidelines and Requirements for Public Water Systems Regarding Water Use Reporting, Demand Forecasting Methodology, and Conservation Programs, July 1994, and as revised.

Under RCW 90.03.005 and 90.54.020(6), conservation and improved water use efficiency must be emphasized in the management of the State's water resources, and must be considered as a potential new source of water. Accordingly, as part of the terms of this permit, the applicant may be required to prepare and implement a water conservation plan approved by Department of Health. The standards for such a plan may be obtained from either the Department of Health or the Department of Ecology.

"The applicant is advised that notice of Proof of Appropriation of water (under which the final certificate of water right is issued) should not be filed until the permanent distribution system has been constructed and that quantity of water allocated by the permit has been put to full beneficial use."

REPORTED BY: Wain P. J. Date: March 30, 1995

The statutory permit fee for this application is \$20.00.